

**REISSUE APPLICATION DECLARATION BY
THE INVENTOR**Docket Number (Optional)
10159-RE (HPC-100US)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 6,558,513 B1, granted May 6, 2003, and for which a

reissue patent is sought on the invention entitled NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT,

the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number _____ / _____
and was amended on _____.
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☒ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.


At least one error upon which reissue is based is described as follows: During the prosecution of the application that issued as the above-titled patent, I did not recognize the fact that the lowest molecular weight possible for a compound of formula (I) is 112, i.e. in the case where $n=0$ and $R_5=H$. Since all claims admit of the possibility that at least one of the non-curing hydrocarbon polymers of formula (I) has a number average molecular weight of below 112, which is inherently impossible in view of the structure shown in formula (I), all of the claims are flawed by virtue of claiming some embodiments that are manifestly impossible. Similar incorrect references to molecular weights below 112 appear in the Summary of the Invention, the Detailed Description of the Invention, and the Abstract. Accordingly, it is respectfully submitted that when formula (I), found at column 3, line 46, is examined, it is seen that the lower limit of 112 molecular weight is inherently taught in the specification. To the best of my knowledge and understanding, all errors corrected in this reissue application arose without any deceptive intent on the part of the applicant.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)						Docket Number (Optional) 10159-RE (HPC-100US)	
<p>All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.</p>							
Name(s)				Registration Number			
Paul F. Prestia				23,031			
Frank P. Tise				50,379			
<p>Correspondence Address: Direct all communications about the application to:</p> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="display: flex; align-items: center;"> <input type="checkbox"/> Customer Number <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 10px;"></div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Place Customer Number Bar Code Label here </div> </div> <p style="margin-top: 5px;">OR Type Customer Number here</p> </div>							
<input checked="" type="checkbox"/> Firm or Individual Name		Gary A. Samuels, Chief Counsel, Intellectual Property					
Address		Hercules Incorporated					
Address		Hercules Plaza, 1313 North Market Street					
City		Wilmington		State		DE	
Country		USA		ZIP		19894-0001	
Telephone		(302) 594-6813		Fax		(302) 594-6998	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>							
<p>Full name of sole or first inventor (given name, family name) Jacqueline K. Pease</p>							
<p>Inventor's signature </p>							
Residence St. Johns County, St. Augustine, Florida				Date 8/7/03			
Mailing Address 236 River Plantation Road South St. Augustine, FL 32092				Citizenship USA			
<p>Full name of second joint inventor (given name, family name) William A. Hendriks</p>							
<p>Inventor's signature </p>							
Residence St. Johns County, Jacksonville, Florida				Date 8/7/03			
Mailing Address 112 Rustic Oaks Lane, Jacksonville, FL 32259				Citizenship USA			
<p>Full name of third joint inventor (given name, family name)</p>							
Inventor's signature				Date			
Residence				Citizenship			
Mailing Address							

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE		Docket Number (optional) 10159-RE (HPC-100US)
<p>I hereby declare that:</p> <p>My residence and post office address and citizenship are stated below next to my name.</p> <p>I am authorized to act on behalf of the following assignee: <u>Hercules Incorporated</u></p> <p>and the title of my position with said assignee is: <u>Chief Counsel, Intellectual Property</u></p> <p>The entire title to the patent identified below is vested in said assignee.</p>		
Name of Patentee(s): Jacqueline K. Pease and William A. Hendriks		
Patent Number 6,558,513 B1	Date of Patent Issued May 6, 2003	
Title of Invention NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT		
<p>I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT</p> <p>the specification of which</p> <p><input checked="" type="checkbox"/> is attached hereto.</p> <p><input type="checkbox"/> was filed on _____ as reissue application number _____ / and was amended on _____</p> <p style="text-align: center;">(If applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input checked="" type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors.</p> <p>At least one error upon which reissue is based is described as follows: During the prosecution of the application that issued as the above-titled patent, I did not recognize the fact that the lowest molecular weight possible for a compound of formula (I) is 112, i.e. in the case where n=0 and R₅=H. Since all claims admit of the possibility that at least one of the non-curing hydrocarbon polymers of formula (I) has a number average molecular weight of below 112, which is inherently impossible in view of the structure shown in formula (I), all of the claims are flawed by virtue of claiming some embodiments that are manifestly impossible. Similar incorrect references to molecular weights below 112 appear in the Summary of the Invention, the Detailed Description of the Invention, and the Abstract. Accordingly, it is respectfully submitted that when formula (I), found at column 3, line 46, is examined, it is seen that the lower limit of 112 molecular weight is inherently taught in the specification. To the best of my knowledge and understanding, all errors corrected in this reissue application arose without any deceptive intent on the part of the applicant.</p>		

(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE)				Docket Number (Optional) 10159-RE (HPC-100US)	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.					
Name(s)		Registration Number			
Paul F. Prestia		23,031			
Frank P. Tise		50,379			
Gary A. Samuels		20,811			
Joanne Mary Fobare Rossi		43,061			
Correspondence Address: Direct all communications about the application to:					
<input type="checkbox"/> Customer Number				→	
		Type Customer Number Here		Place Customer Number Bar Code Label Here	
OR					
<input checked="" type="checkbox"/> Firm or Individual Name	Gary A. Samuels Chief Counsel, Intellectual Property				
Address	Hercules Incorporated				
Address	Hercules Plaza, 1313 North Market Street				
City	Wilmington	State	DE	Zip	19894-0001
Country	USA				
Telephone	(302) 594-6813	Fax	(302) 594-6998		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of person signing (given name, family name) Gary A. Samuels					
Signature				Date	
August 8, 2003					
Address of Assignee Hercules Incorporated Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001					
Patentee Jacqueline K. Pease				Citizenship USA	
Residence/Post Office Address 236 River Plantation Road South, St. Augustine, FL 32092					
Patentee William A. Hendriks				Citizenship USA	
Residence/Post Office Address 112 Rustic Oaks Lane, Jacksonville, FL 32259					
<input type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) 10159-RE (HPC-100US)
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Jacqueline K. Pease and William A. Hendriks		
Patent Number 6,558,513 B1	Date Patent Issued May 6, 2003	
Title of Invention NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT		
<p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee owning an undivided interest in said original patent is/are <u>Hercules Incorporated</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) Hercules Incorporated		
Signature 	Date August 8, 2003	
Typed or printed name and title of person signing for assignee (if assigned) Gary A. Samuels, Chief Counsel, Intellectual Property		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

17302 U.S. PTO
10/645281
08/21/03**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Hercules IncorporatedApplication No./Patent No.: 6,558,513 B1Filed/Issue Date: May 6, 2003Entitled: NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENTHercules Incorporated, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1 ☒ the assignee of the entire right, title, and interest; OR
- 2 ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012349, Frame 0355, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

August 8, 2003
Date

Gary A. Samuels

Typed or printed name

Gary A. Samuels
Signature

Chief Counsel, Intellectual Property

Title



UNITED STATES
PATENT AND
TRADEMARK OFFICE

JANUARY 31, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

HERCULES INCORPORATED
GARY SAMUELS
1313 NORTH MARKET STREET
WILMINGTON, DE 19894



101913728A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/2001

REEL/FRAME: 012349/0355
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PEASE, JACQUELINE K.

DOC DATE: 06/04/2001

ASSIGNOR:

HENDRIKS, WILLIAM A.

DOC DATE: 06/04/2001

ASSIGNEE:

HERCULES INCORPORATED
1313 NORTH MARKET STREET
LAW DEPARTMENT
WILMINGTON, DELAWARE 19894

SERIAL NUMBER: 09866830
PATENT NUMBER:

FILING DATE: 05/29/2001
ISSUE DATE:

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

12-12-2001



ER SHEET

ILY

Docket No.: 10159

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings → → → ▼

101913728

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jacqueline K. Pease
William A. Hendriks

12-11-61

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: June 4, 2001

2. Name and address of receiving party(ies):

Name: Hercules Incorporated

Internal Address: Law Department

Street Address: 1313 North Market Street

City: Wilmington State: DE ZIP: 19894

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/866,830

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gary Samuels

Internal Address: Hercules Incorporated

Street Address: 1313 North Market Street

12/12/2001 AMMED1 00000000 081800 09866830

01 FC:581

40.00 CH

City: Wilmington State: DE ZIP: 19894

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

08-1800

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary Samuels, Reg.No.: 20,811

Name of Person Signing

Signature

Date

4

Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS, We, Jacqueline K. Pease and William A. Hendriks of:

St. Augustine, in the County of St. Johns State of Florida
Jacksonville, in the County of St. Johns State of Florida;

have invented certain new and useful improvements in NON-AQUEOUS
RELEASE FROM PAPER MACHINE EQUIPMENT described in a patent application
executed by us on the

____ day of _____, 20__;

____ day of _____, 20__; and identified as

DKT 10159, and of which improvements, in and for the United States, its
territories, dependencies and possessions, and for all foreign
countries, we are now the joint owners; and

WHEREAS, **HERCULES INCORPORATED**, a corporation duly organized and
existing under and by virtue of the laws of the State of Delaware, and
having its principal office and place of business in Wilmington,
Delaware, is desirous of acquiring the entire right, title and
interest, for the United States, its territories, dependencies and
possessions, and for all foreign countries, in and to the said
improvements, application, invention or inventions, and any Letters
Patent that might be granted therefor or thereupon, the said **HERCULES
INCORPORATED**, its successors and assigns, being hereinafter referred to
as "HERCULES."

NOW, THEREFORE, be it known that for good and valuable consideration by
us received from said **HERCULES**, the receipt of which is hereby
acknowledged, we have sold, assigned, transferred and set over, and by
these presents do hereby sell, assign, transfer and set over, to and
unto **HERCULES**, our entire right, title and interest, for and in the
United States, its territories, dependencies and possessions, and for
and in all foreign countries, in and to:

- (1) Said invention or inventions, and, in, to and under the above-
identified patent application, and
- (2) All improvements and modifications of said invention or inventions
which we, solely or jointly have made or conceived, or shall make
or conceive, while we are employed by **HERCULES**, and
- (3) All Letters Patent which may be granted by the United States of
America, and countries foreign thereto, for or upon said
application, invention or inventions, or said improvements or
modifications, and in, to and under all reissues and extensions of
said Letters Patent, and in, to and under all renewals, divisions,
substitutes and continuations of the aforesaid application, and of
any application filed in any country for any improvement or
modification mentioned in clause (2) above;

and we hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States of America on the said invention or inventions to HERCULES as assignee of the entire interest therein.

The inventions and the improvements and modifications mentioned in clauses (1), (2), and (3), above, are hereinafter referred collectively as "said inventions".

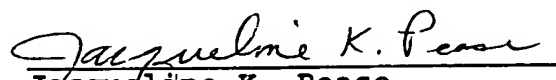
And, for the above-mentioned considerations, we do hereby covenant and agree:

First: That we will promptly and fully disclose to HERCULES all such improvements and modifications invented by us, and we will freely, fully and promptly communicate (in writing if requested) to HERCULES, or its nominee, all facts, information and evidence possessed or known by or available to us which concern "said inventions", and, at the request of HERCULES, that we will testify in interferences and other legal proceedings which may involve "said inventions".

Second: That we will render HERCULES, at its expense, all assistance which in its sole opinion is necessary to obtain and enforce patent protection in the United States, its territories, dependencies and possessions, and countries foreign thereto, for "said inventions". If we are not employed by HERCULES, a reasonable per diem charge shall be paid by HERCULES for time spent by us in such connection.

Third: That we will, at the request and at the expense of HERCULES, but without further compensation therefor, execute - (a) any and all original, divisional, continuation, substitute, renewal or other applications for Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries, for "said inventions", (b) any and all applications for the reissue or extension of any Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries that may be granted upon said application or for "said inventions", and (c) all assignments and other papers that HERCULES may deem necessary or expedient to secure the grant of each and all of said Letters Patent to HERCULES, or its nominee, and to protect and vest in HERCULES the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for foreign countries, in and to "said inventions" and Letters Patent of the United States, its territories, dependencies and possessions, and for foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this 4th day of June, 2001.


Jacqueline K. Pease (L. S.)


William A. Hendriks (L. S.)

STATE OF)
) SS.
 COUNTY OF)

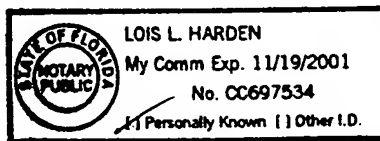
I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that William A. Hendriks, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 4 day of June, 2001

Lois L. Harden
 Notary Public

My commission expires 11-19-2001

SEAL



STATE OF Florida)
) SS.
 COUNTY OF Duval)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Jacqueline K. Pease, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 4 day of June, 2001

Lois L. Harden
 Notary Public

My commission expires 11-19-2001

